

## Calendar of Events

Featuring Office of Dietary Supplements (ODS) Staff, ODS-Supported Researchers, Projects, and Activities

### Saturday, June 8

**Partner Session: PhenHRIG 2019: How Flavonoids Influence Gene Expression**

**12:30 p.m. Room 319, Convention Center**

**12:35 p.m. Epigenetic Modulation of Inflammation and Synaptic Plasticity by Polyphenolic Metabolites Promotes Resilience Against Stress**

*G.M. Pasinetti, Icahn School of Medicine at Mount Sinai, New York, NY*

### Sunday, June 9

**Symposium: Looking Back, Moving Forward: 50th Anniversary of the White House Conference on Food, Nutrition, and Health**

**9:15 a.m. Room 309/310, Convention Center**

**9:15 a.m. Introductions**

*P.M. Coates, Former Director, Retired, ODS/NIH*

**9:20 a.m. Reflections on the Original White House Conference on Food, Nutrition and Health, and the Circumstances That Made It Possible**

*J.T. Dwyer, Tufts University*

**9:30 a.m. How Food and Nutrition Policy Changed in the Wake of the White House Conference on Food, Nutrition and Health**

*M. Jacobson, Center for Science in the Public Interest*

**9:40 a.m. Why We're Still Struggling as a Nation to Combat Food Insecurity and Poor Diets**

*D.R. Glickman, Former U.S. Secretary of Agriculture; The Aspen Institute*

**9:50 a.m. Preview of the 50th Anniversary of the White House Conference in Food, Nutrition and Health**

*J.R. Mande, Friedman School of Nutrition Science and Policy at Tufts University*

**10:00 a.m. Moderated Q&A**

**Career/Professional Development: Federal Funding Opportunities**

**12:45 p.m. Room 328, Convention Center**

**12:45 p.m. Funding Opportunities from the Office of Dietary Supplements**

*C. Davis, ODS/NIH*

**12:55 p.m. NIH Centers for Advancing Research on Botanicals and Other Natural Products (CARBON Program)**

*B.C. Sorkin, ODS/NIH*

## Satellite: Application of Dietary Modeling for Optimization of Complementary Feeding

**12:45 p.m. Ballroom IV, Convention Center**

Chair: *M.J. Gibney*, University College Dublin

**12:45 p.m. Introduction**

*M.J. Gibney*, University College Dublin

**12:50 p.m. Today's Dietary Patterns of Infants and Toddlers: What Needs to Change?**

*J.T. Dwyer*, Tufts University

**1:10 p.m. Dietary Recommendations for Complementary Feeding- What's Needed Today?**

*J.O. Fisher*, Temple University

**1:30 p.m. Diet Optimization Using Linear Programming**

*M. Maillot*, MS-Nutrition

**1:45 p.m. A First Glance at Optimized Complementary Feeding Diets Using Linear Programming**

*J. Saavedra*, Nestle Nutrition

**Sponsored By: Nestlé Nutrition Institute**

### Posters: Methods and Protocols

**12:45 p.m. P13-037-19 (#125)- Enhancing Natural Product Clinical Trials.**

*B.C. Sorkin, A.J. Kuszak, G. Pauli, G. Bloss, B. Barrett, M. Ferruzzi, N. Fukagawa, M. Kiely, D. Lakens, D. Meltzer, J. Paul, N. Sipes.* ODS/NIH; College of Pharmacy, University of Illinois Chicago; NIAAA/NIH; University of Wisconsin Madison; North Carolina State University; ARS/USDA; University College, Cork, Ireland; Eindhoven University of Technology, Eindhoven, Noord-Brabant, Netherlands; University of Chicago, Illinois; Drexel University College of Medicine, Philadelphia, Pennsylvania; NEIHS/NIH.

### Posters: Aging and Chronic Disease

**12:45 p.m. P01-001-19 (#445) Nutritional Status of Older Adults Who Are Overweight or Obese Compared to Those with a Healthy Weight, NHANES 2011-2014**

*S. Jun, A. Cowan, A. Bhadra, K. Dodd, J.T. Dwyer, H. Eicher-Miller, J. Gahche, P.M. Guenther, N. Potischman, J. Tooze, R.L. Bailey.* Purdue University; NCI/NIH; ODS/NIH; University of Utah, Salt Lake City; Wake Forest University School of Medicine

### Posters: Community and Public Health Nutrition

**1:45 p.m. P11-024-19 (#268)- Folic Acid in Prenatal Supplements: Labeled Amounts Compared to Recommendations**

*L.G. Saldanha, J.T. Dwyer, N. Potischman, K.W. Andrews.* ODS/NIH; Nutrient Data Laboratory, USDA

### Posters: Nutritional Microbiology, Nutrient-Gene Interactions

**1:45 p.m. P20-038-19 (#170) The Gut Microbiota Composition Affects Polyphenol-mediated Cognitive Resilience in Mice by Modulating the Bioavailability of Phenolic Acids**

*T. Frolinger, G.M. Pasinetti,* Icahn School of Medicine at Mount Sinai, New York, NY

### Mini-Symposium: Nutrient and Dietary Quality (Oral 14)

**3:00 p.m. Room 317, Convention Center**

**4:30 p.m. OR14-07-19 - Dietary Supplements Contributed Substantially to Total Intakes and Nutritional Adequacy of Several Micronutrients Among U.S. Adults, NHANES 2011-2014**

A. Cowan, S. Jun, A. Bhadra, K. Dodd, J.T. Dwyer, H. Eicher-Miller, J. Gahche, N. Potischman, J. Tooze, R.L. Bailey. Purdue University; NCI/NIH; ODS/NIH; Wake Forest University School of Medicine

- 4:45 p.m. **OR14-08-19 - How Accurate Is the Labeled Content of Prescription Prenatal Multivitamin/Mineral (MVM)? — An Analytical Pilot Study for the Dietary Supplement Ingredient Database (DSID)**  
*K.W. Andrews, P.A. Gusev, S. Savarala, P.T. Dang, L. Oh, P.R. Pehrsson, J.T. Dwyer, J.M. Betz, A.J. Kuszak, R.B. Costello, L.G. Saldanha.* Nutrient Data Laboratory, USDA; ODS/NIH

ODS Congratulates the  
2019 Awardees and Fellows

## Awards Ceremony

5:30 PM - 6:30 PM Location: Ballroom I/II

Monday, June 10

### Career/Professional Development: Connect with the Feds

12:00 p.m. **Room 316, Convention Center**

- 12:00 p.m. **Introductions**  
*L.G. Saldanha*
- 12:00 p.m. **Update from the Office of Disease Prevention and Health Promotion**  
*J.M. de Jesus*, HHS Office of Disease Prevention and Health Promotion
- 12:20 p.m. **Updated Physical Activity Guidelines for Americans**  
*K.L. Piercy*, HHS Office of Disease Prevention and Health Promotion
- 1:00 p.m. **Update from the Director of the FDA Center for Food Safety and Applied Nutrition**  
*S.T. Mayne*, CFSAN/FDA

### Posters: Nutritional Immunology and Inflammation, Aging and Chronic Disease

- 12:45 p.m. **P19-011-19 (#577) Polyphenolic Compounds Ameliorate Stress-induced Depression by Preventing NLRP3 Inflammasome Priming**  
*T. Frolinger, G.M. Pasinetti*, Icahn School of Medicine at Mount Sinai, New York, NY

### Mini-Symposium: Gut Microbiome: Pre-clinical and Human Studies (Oral 23)

- 3:00 p.m. **Ballroom IV, Convention Center**  
Chair: *C. Davis*, ODS/NIH
- 3:45 p.m. **OR23-03-19 Design of a Novel Synbiotic Formulation to Optimize Gut-derived Phenolic Acid Mediated Gut-brain Axis Signals for the Treatment of Stress-induced Depression and Anxiety**  
*S. Westfall, G.M. Pasinetti*, Icahn School of Medicine at Mount Sinai, New York, NY

## ODS Announcements and Grant Funding Opportunities

### 1. Administrative Supplements for Research on Dietary Supplements (PA-18-817)

ODS provides funding through competitively awarded Administrative Supplements to certain active NIH research awards to support research in which the supplemental funding would investigate the role of dietary supplements and/or their ingredients in health maintenance and disease prevention. Parent awards need not be focused on dietary supplements; this FOA may provide support to include dietary supplements within the scope of relevant research projects. Research interests of ODS are not limited to specific health conditions, organ systems or population groups. ODS supports all types of research, including pre-clinical, clinical, behavioral, and epidemiological.

*The next due date is October 15, 2019.*

For additional information contact Cindy Davis at [davisci@mail.nih.gov](mailto:davisci@mail.nih.gov)

### 2. Administrative Supplements for Validation Studies of Analytical Methods for Dietary Supplement Constituents (<https://grants.nih.gov/grants/guide/pa-files/pa-18-818.html>)

The reproducibility and comparability of research on dietary supplements is enhanced by rigorous analytical characterization of key experimental materials and the publication of validated analytical methods that accurately and precisely characterized and quantify constituents in dietary supplement ingredients and products. This FOA builds on existing NIH awards to support the performance and publication of formal single-laboratory validation studies of quantitative analytical methods. The methods proposed for validation must be used to identify and quantify dietary supplement-relevant chemical constituents (i.e., active or marker chemical compounds, adulterants, contaminants) or their metabolites in experimental reagents, raw materials, and/or clinical specimens (e.g., urine or plasma samples). Methods must have been developed or utilized in fulfillment of the active parent grant's specific aims. Candidate constituents for quantitative method validation studies include (but are not limited to): phytochemicals, nutrients, and potentially deleterious substances such as pesticides and mycotoxins. Multi-laboratory validation studies will not be supported through this FOA.

*The next due date is October 15, 2019.*

For additional information: contact Adam Kuszak at [kuszakaj@mail.nih.gov](mailto:kuszakaj@mail.nih.gov)

Visit the ODS website to sign up for the listserv: <https://ods.od.nih.gov>

**ODS Resources for Researchers**

<https://ods.od.nih.gov/research>

**Resources for Health Professionals**

<https://ods.od.nih.gov/healthprofessional>

**The Dietary Supplement Label Database (DSLDD)**

<https://dsldd.nlm.nih.gov>

DSLDD captures label information from dietary supplement products for sale in the United States; it currently contains information from ~90,000 labels.